

## *Culaea inconstans* (Brook Stickleback)

### Priority 3 Species of Greatest Conservation Need (SGCN)

**Class:** *Actinopterygii* (Ray-finned Fishes)

**Order:** *Gasterosteiformes* (Sticklebacks)

**Family:** *Gasterosteidae* (Sticklebacks)

**General comments:** none

#### Species Conservation Range Maps for Brook Stickleback:

Town Map: [Culaea inconstans\\_Towns.pdf](#)

Subwatershed Map: [Culaea inconstans\\_HUC12.pdf](#)

#### SGCN Priority Ranking - Designation Criteria:

**Risk of Extirpation:** NA

**State Special Concern or NMFS Species of Concern:**

*Culaea inconstans* is listed as a species of Special Concern in Maine.

**Recent Significant Declines:** NA

**Regional Endemic:** NA

**High Regional Conservation Priority:** NA

**High Climate Change Vulnerability:** NA

**Understudied rare taxa:**

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. \*criteria only qualifies for Priority 3 level SGCN\*

Notes:

few known occurrences - mostly northern Aroostook Co, few others sprinkled statewide; poor understanding of geographic distribution

**Historical:** NA

**Culturally Significant:** NA

#### Habitats Assigned to Brook Stickleback:

Formation Name	Freshwater Aquatic
<b>Macrogroup Name</b>	<b>Lakes and Ponds</b>
<b>Habitat System Name:</b>	Mesotrophic or Intermediate
<b>Habitat System Name:</b>	Oligotrophic
<b>Macrogroup Name</b>	<b>Rivers and Streams</b>
<b>Habitat System Name:</b>	Headwaters and Creeks
<b>Habitat System Name:</b>	Small River

#### Stressors Assigned to Brook Stickleback:

No Stressors Currently Assigned to Brook Stickleback or other Priority 3 SGCN.

#### Species Level Conservation Actions Assigned to Brook Stickleback:

No Species Specific Conservation Actions Currently Assigned to Brook Stickleback or other Priority 3 SGCN.

#### Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

#### Broad Taxonomic Group Conservation Actions:

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Relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

**Habitat Based Conservation Actions:**

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*